

Grade 5 Math Word Problems Worksheet

Read and answer each question. Show your work!

Adding and Subtracting Fractions Word Problems #2

1. There is $\frac{3}{8}$ of a pizza in one box and $\frac{1}{4}$ of a pizza in another box. How much do you have altogether?

2. $\frac{1}{10}$ of the M&M's in a bag are red and $\frac{1}{5}$ are blue. What fraction of all the M&M's are red and blue?

3. Susan swims a race in $29\frac{3}{10}$ seconds. Patty swims the race in $33\frac{9}{10}$ seconds. How much faster was Susan than Patty?

4. A pitcher contains $2\frac{3}{4}$ pints of orange juice. After you pour $\frac{5}{8}$ of a pint into a glass, How much is left in the pitcher?

5. Jackie has $\frac{1}{3}$ of a Hershey bar. Steven has $\frac{4}{12}$ of a Hershey bar. How much do they have together?

Answers

1. The common denominator is 8. $\frac{3}{8} + \frac{2}{8} (1 \cdot \frac{2}{4} \cdot 2) = \frac{5}{8}$.
You have $\frac{5}{8}$ of a box in all.
2. The common denominator is 10. $\frac{1}{10} + \frac{2}{10} (1 \cdot \frac{2}{5} \cdot 2) = \frac{3}{10}$.
 $\frac{3}{10}$ are red and blue.
3. $33 \frac{9}{10} - 29 \frac{3}{10} = 4 \frac{6}{10}$, which simplifies to $4 \frac{3}{5}$
She was $4 \frac{3}{5}$ seconds faster.
4. The common denominator is 8. $2 \frac{6}{8} (3 \cdot \frac{2}{4} \cdot 2) - \frac{5}{8} = 2 \frac{1}{8}$.
 $2 \frac{1}{8}$ pints are left.
5. The common denominator is 12. $\frac{4}{12} (1 \cdot \frac{4}{3} \cdot 4) + \frac{4}{12} = \frac{8}{12}$, which
simplifies to $\frac{2}{3}$.
They have $\frac{2}{3}$ of a bar all together.